

LOST near a butcher's shop, Brickfield Hill, a PURSE containing three sovereigns and silver, with a Thompson and Giles, by a servant, on Saturday, instant. A reward, with thanks, if returned, to

DONNELLY, No. 53, William-street.
STRAYED into my yard a **GOOSE**. Owner can be paying expenses. 11 E. - all-strict, Redfern.
STRAYED yesterday, a young **MAGPIE**. No. 150, Canal-street.
FOUND, small **TERRIER**: owner to give description and pay expenses. **BAIN**, 231, Albion-street.
10s **REWARD** - **LOST** an orange and white **DOG**. Judge Williamson, Hereford House.
£2 **REWARD** - **LOST** on Wednesday night last a **POUND** **DOG**. **ROBERT** **WILLIAMS**, 10, St. George's-street, and a small sum of money. **JOHN O'DOWD**, John-street, Woolrich.
STOLEN, from the Albert Ground, on Friday, the 11th inst., a black and tan **TERRIER** dog, usually named **Floza**; name of "J. Bourne" on collar. Any one detaining her after this notice will be paid a reward of £100. **JOHN O'DOWD**, John-street, Woolrich.

BOOKS STATIONERY AND MUSIC

PENS.—Try Colgate's Patent, the best in the world.
FULLER, 387, George-street, Sole Agent.

T O PASSENGERS FOR ENGLAND.—View
 Sydney, unrivalled, at **CLARKE'S, 235, George-st.**

C H R I S T M A S

CHRISTMAS PRESENTS.

"Christmas comes but once a year,
 And when it comes it brings good cheer."

All persons who are blessed with that good feeling which prompts to interchange of friendships, acknowledgments of the joyous season near approaching, will find all the thousand and one pretty and useful articles usually kept

337, GEORGE-STREET. SYDNEY.
As the cash system adopted, the lowest net price
is charged for everything.
PRESENTS in Books, Books, Boks. 100,000 volume
part with
PRESENTS in Albums, Inkstands, Writing D
Walleto, Papeterie, &c., &c., &c.
C. E. FULLER, Stationer, Bookseller, &c.,
337, George-street, opposite Royal Hot
COLONISATION by Capricornus. Interesting to a
colonist, is, post is 3d. Turner and Henderson.

BOOKKEEPERS.—Newly invented non corrosive scarlet ink, warranted. Turner and Henderson.

CHRISTMAS CARDS.—Largest, best, and cheapest assortment in town. Turner and Henderson, Hunter Street.

BOOKS. BOOKS. BOOKS. BOOKS. BOOKS. BOOKS. Largest, cheapest, and best assortment in Sydney suitable for Christmas presents.

EDWARD R. COLE,
Importer of Books and Stationery,
corner of George and King street.

CHRISTMAS and NEW YEAR CARDS.—Largest, cheapest, and best assortment in Sydney, and elegant designs.

EDWARD R. COLE,
corner of George and King street.

PORTRAIT ALBUMS. PORTRAIT ALBUMS.
Just opened, a splendid selection, new and elegant binding. **EDWARD R. COLE,**
corner of George and King streets.

MUSIC AT REDUCED PRICES.—J. READ
and CO., Music Sellers, 256, George-street, are
offering their large and varied stock of Music at red
prices; among the pieces are the following :
SONGS, 2s EACH.—ALICE, WHERE ART THOU?
The Boquerones, by composer of the Mountbark;
back to Erin; Dreamland; Cleansing Fire; Remember
The Lost Chord; It was a dream; Pa; The
Half man; high Killarney; Never mind; Music
gives Gtiana; Once again; Ringing, sweet Angels; at
the Roco; Speak to me, speak; Remember or forget;
Shadow of the Cross; Strangers yet. ROW.

Glen; Take back the heart; The Woodnym
oak is 6d EACH: ALONE IN THE WOB
Beating of my own heart; Captive Greek
Don't forget me; Good-bye at the door; Hall

These, sweet Summer Birds; in Shadowland; Just at the
the Harp gently; Maid of Athens; Lime-tree by the
River; Only a passing thought; Queen of the Sea;
shine and Cloud; Waiting; Why do Summer Roses die?
There are three things we must have
GOLDEN BELLS; March of the Tambours; Harp Echoes
Rheinfall Valse; Qui Vive Galop; Pas Redouble; D
leaves; Sligh Bells; Fairy Footstep; Silvery Wa
Watchings at Eve; The Mocking Bird; Les Hirondelles
is 6d each.—A MOONLIGHT MELODY; BEHLING
smiths of Cologne; Abd-el-Kader Mazouza;
Caprara; Fairy Whispers; Cloches du Monastere

Corricolo Galop; Monte Rosa Mazurka; Rippling R.
March Flambeaux; Silver Trumpet's March; Re-
March; Sparkling Sunbeams; Yorkshire Bells; Sun-
Sunbeams; Vesper Dewdrops; Swing Song; Wood-

DANUBE CORBEL: Princess Louise, 1s 6d; Extravaganza: H. Mabel: Maszello: Princess Louise: 1s 6d; Wood Chiffon: Pauline: Snow Flake: Sweetheart: 1s 6d; Wild Chiffon: QUADRILLES, 2s each; BIRTHDAY: Chris: Echoes: Juanita: Gorilla: London by Night: L. L. chile: Madame Angot: Pretty Kitty, Punch and J. Wedding: 8-mars of the Night.

MY VALENTINE GALOP, 1s 6d; Birthday
 Mazurka, 2s; Sunbeam Schottische, 1s 6d; Sea S. Polka, 1s 6d; Masquerade Lancers, 2s. (Postage 2d piece.)

THE DIVINE HISTORY OF CREATION, &c.
Is 2d READING and CO., Geo.-st., all bookss.

GREAT Novelties in CHRISTMAS CARDS and P
SENTS. M. C. BOHMSMANN, 39, Oxford-st.
JUST PUBLISHED, price 7s 6d., with photo
MEMOIR AND REMAINS
of the late Rev. J. Hetherington, with Sketches of
History of Presbyterianism in New South Wales
Victoria. By the Rev. F. R. M. WILSON.
May be had of JOHN LUTTON, Presbyterian M
Depot, No. 316, Castlereagh-street; and of the other b
sellers.

ALF. H. MOORE, Writing Master, 6, St. George's terrace, Pitt-street South. Classes day and evening. Writing, Bookkeeping, and Arithmetic. Address—

AN Italian Professor, just arrived by s.s. Capes Sydney, and decorated with three golden medals, wants a SITUATION in an educational institute, to teach Latin, Italian, French, Melchior, Mona-Hose, Wynyard.

BANJO taught, in twelve easy lessons, with or without music. For particulars, F. KIMBY, 130, Pitt.

EVENING Classes, Writing, Bookkeeping, Arithmetic, Civil Service-Exam, Fitzjohn Hall, 170, Castlereagh.

MR. VAN EPEN, Teacher in German, French, English.

PETERSHAM.—Educational Establishment for y
Ladies conducted by Mrs. Munro, and the M

Christmas vacation begins 16th December.

PHARMACEUTICAL SOCIETY OF NEW SOUTH WALES.

The Laboratory being now completed, Pupils can be received on application to Professor DIXON, F.R.S., West Hunter-street. By order of the Council,
W. GRIMTON, Secretary.

SYDNEY GRAMMAR SCHOOL.—Mr. C. FACHE, the English Master, receives, on Boarders Pupils attending the school, at his residence, 10, St. James-street, Sydney.

land House, Alfred Park. There will be one or
vacancies after Christmas. Terms and code of rules
be forwarded on application.

TO MASTERS of Institutions Teachers

W Required, for two Youths, of 12 and 16 respectively who have had an average amount of schooling, a thorough grounding in the modern course, viz., arithmetic (arithmetic specially wanted), bookkeeping, history, geography, English, French, and German, (no Swedish, Latin), either in Sydney or a short distance from the boys to be under assistant training and under supervision when working their lessons. Address with particulars terms, Commerce, HERALD Office.

W **WAVERLEY HOUSE SCHOOL.**—The HOURLY DAYS will begin on FRIDAY, 16th instant.

A **COMPLISHED** **Commerce** **or** **Public** **Accounting** **Course** **at** **the** **Waverley** **House** **School.**

SCHOOL.—A Frenchman, B.A., desires Tutor
B. A., Mr. W. Nash, 620, Haymarket.

NITROUS OXIDE Gas APPARATUS, Vulcanizer and Flaming Molds for SALE. Essing, 172, Liverpool

DRAWING-ROOM SUITES, Plain and Inlaid
Oral Tables, Drawing-room Furniture, in
 variety, in large and cheap for net cash at the **ROYAL**
FURNISHING ARCADE.
 Dining-room Suites, Dining, Telescope and other Tables,
 Dining-room Furniture, in variety, may be obtained
 in large and cheap for net cash, at the **ROYAL FURNISHING**
ARCADE.
 Bed-rooms, solid or tubular, Bedding in hair, straw,
 &c. Bedroom Tables, and Bedroom Furniture in
 variety, may be obtained cheap, for net cash, at the
ROYAL FURNISHING ARCADE.
W. B. CAMPBELL.

CHOICE, and the PRINCE OF WALES, of NEW
FURNISHING articles are now unpacked and sorted out, ready
for purchasers who intend making presents to their friends,
or embellishing their own homes with artistic novelties.
BEAUTIFUL goods at prices to suit everybody.

W. E. CAMPBELL,
Royal Furnishing Arcade, George-street.

HOUSES FURNISHED AT THE ROYAL
FURNISHING ARCADE.

No. 1 House, for £15.
No. 2 House, for £25.
No. 3 House, for £35.
No. 4 House, for £50.
No. 5 House, for £70.
No. 6 House, for £90.

Carefully compiled lists
are issued and the contents
of the articles are described.

No. 6 House, for £100 Inspection and purchase all
No. 7 House, for £130 marked in plain figures.
No. 8 House, for £150 Any single article may be
No. 9 House, for £200 had.
No. 10 House, for £370

Or a bedroom only, with the New American Suite, for
\$8.50.

W. B. CAMPBELL,
N.B.—A ticket for the Golden Farrel for each pound
paid.

**A FEW of the numerous SUITES of DINING and
DRAWING ROOM FURNITURE on SALE**
THIS DAY are priced as follows:—
Walton Dining room, 131 1/2 ft., £17 10s, £20, £23 10s,

No. 6 House, for £100 Inspection and purchase all
No. 7 House, for £130 marked in plain figures.
No. 8 House, for £150 Any single article may be
No. 9 House, for £200 had.
No. 10 House, for £370

Or a bedroom only, with the New American Suite, for
\$8.50.

W. B. CAMPBELL,
N.B.—A ticket for the Golden Farrel for each pound
paid.

**A FEW of the numerous SUITES of DINING and
DRAWING ROOM FURNITURE on SALE**
THIS DAY are priced as follows:—
Walton Dining room, 131 1/2 ft., £17 10s, £20, £23 10s,

Wanted to be known
by PARTIES FURNISHING.
PARTIES desiring to MARRY,
NEW ARRIVALS,
AND OTHERS
Of Our New System of
HOUSE FURNISHING ON EASY TIME
PAYMENT.
NO BILLS OF SALE.
HARDY, BROTHERS beg to inform PARTIES

FURNISHING who are not prepared to pay down the whole amount for purchases made from them, that arrange to pay for their purchases by instalments, say either weekly or monthly instalments, thus enabling them to come of limited means to furnish their homes comfortably, and on easy terms. N.B.—All goods marked in plain figures.

Hyde Park Furniture Bazaar,
8, 11, 13, 15, and 17, Oxford-street.

HYDE PARK FURNITURE BAZAAR

TO PARTIES FURNISHING, COUNTRY
BUYERS, AND OTHERS.

HARDY, BROTHERS, beg to call the attention of
parties desiring to their large and well stocked
NEW ARRIVALS.

Iron Bedsteads and Bedding of every description.
Largest stock in the colony to select from—and greatly
reduced prices. N.B.—All goods marked in plain figures.
NOTE THE ADDRESS—
HARDY BROTHERS,
Hyde Park Furnishing Bazaar,
9, 11, 13, 15, and 17, Oxford-street.

**WANTED, to Buy SECOND-HAND FURNI-
TURE of every description, PIANOS, HAR-
MONIUMS, &c., &c., from 5s to £1000. Highest price
given by the undersigned.**
Hardy, Brothers,
Hyde Park Furniture Bazaar,
9, 11, 13, 15, and 17, Oxford-street.

WANTED to SELL Chinese bamboo, varnished, or
balcony BLINDS, green, with cords and fittings
complete.
Price for 9 x 8, 25s 6d
Do 10 x 8, 25s.
Hardy, Brothers,
Hyde Park Furniture Warehouse,
9, 11, 13, 15 and 17, Oxford-street.

INVALID COUCHES for SALE, strongly recom-
mended by the faculty, at
HARDY BROTHERS,
Hyde Park Furniture Warehouse,
9, 11, 13, 15, and 17, Oxford-street.

CHINA MATTING for SALE, new shipment just

unpacked, 4-4, col-and 7½d per yard.
HARRY BROTHERS,
Hyde Park Gate, 3, near,
9, 11, 13, 15, and 17, Oxford-street.
FOR SALE.—TUGBORES, &c.—Cedar counter
with drawers, and Avery's Weighing Machine, in
good order, up to eight-hundredweight.
W. LONG, 940, George-street.
MATRÉSSES and PALLIASES made of the best
Materials.
HORSE-HAIR
Wool
FIBRE
FLOCK, and FLAX.

PARISHES leaving the colony and others giving a
 house-steady, have **TRUNKS** and **trunks** of
 all kinds and will be sending their address to R. WATT, care of
 Sumner's Hotel, Pitt-street. Highest price given.

BUILDING MATERIALS.
VARNISHES. VARNISHES
 Victoria Varnish Company's celebrated **VARNISHES**,
 made especially to suit this climate, and, if not superior,
 any known brands, and at considerably lower prices.

ALEXANDER BORTHWICK,
226, George-street, Sydney,
and at 23, Mark-street, Melbourne.

K A U R I seasoned logs, and saws, especially saw
TIMBER for wood for the ship, up to 50 feet
A. S. WEBSTER, Gresham-street, agent for the Hok-
ings Timber Company.

BAL TIC SPARS, just arrived, of Darling Downs, at
STEPHENSON'S, Erskine street.

GODDLE and SMITH, Timber and Galvanized
Iron, 433, George-street, near Bachelors-street
7, Parramatta-street, near Railway Bridge.
Foster, Brick-makers, Bideley-street, Sney Hill.
RAPPEL Brick-makers, Botany Road.

REGINA DAWLS, PYRMONT, near the Bridge.
REGION DEALS, SPARS, FLOOING, &c
 The entire CARGO of the FORWARD, from Pyg
 pound, now being landed at our Wharf, and for SALE at
 very low prices.

STREET, BROTHERS, Smeat-street.
STREET, BROTHERS, Timber Merchants,
 Street's Wharf, Sydney,
 and
 Pamphoolah wharf, Manning River.

Hardwood of every description, and of the very best
 quality. Tallow-Wood, Ironbark Girders, and Kedge
 supplied at the very shortest notice, and at consider-

200,000 FEET KAPPA PINE, the best ever imported into Maryland, at \$1.45, in lots to suit purchasers, consisting of 6 x 1 and 8 x 12, and G. and B. of 18 x 1, 2 x 2 to 18 x 2, 2 x 4 to 18 x 4, and C. Long deck and ship planking. G. F. MASON, Import Ship Wharf.

G. O. AND OEB IRON, 6 to 10 feet; Sheet Lead, 2 to 6 lbs. W. CARY, Railway Bridge.

SLATES AND Slate Slabs: IC Coke Tin, 20 x 14. Zinc gals and water pipes. W. CARY, Railway Bridge.

MARBLE AND Slate slabs, just landed. CHIMNEYPIECES, new design. W. CARY, Railway Bridge.

BRICKS delivered from 40s. upwards, according to
 quantity. **SHAW'S Plastic Brick Company, Ashford,**
STOCK AND STATIONS.
AUSTRALIAN MORTGAGE, LAND AND
FINANCE COMPANY (Limited).
 London, Melbourne, Geelong, and Sydney.
 Capital, £2,000,000.
AUSTRALIAN BOARD:
 James Macpherson, Esq., M.L.A.
 Robert Bruce Ronalds, Esq.
 J. H. Macpherson, Esq., M.L.A.
 J. H. Macpherson, Esq., M.L.A.

CASH ADVANCES made on the **ENGLISH CLIFF**,
F. WOOL and on Squatting Properties, Stations,
Hills, &c. **W. A. COTTEE**, Local Manager.
Exchange-buildings.

T H E A N D
British and Foreign Gleasings on Agriculture.
Pastoral News of New South Wales and the Colonies.
Agricultural Statistics, Metropolitan and Provincial.
HORTICULTURAL NEWS
THE SYDNEY MAIL,
Municipal-street, Sydney.
Published every Monday and Tuesday.

Subscription: 6s. per quarter.

F O R P R I V A T E S A L E

00 splendid Bullocks, Clarence River
00 Heifers, southern districts
First-class Bulls, in various localities
various lots of Store Sheep and Cattle throughout the
colonies
Numerous Properties and Stations in New South Wales
and Queensland.
GRIFFITHS and WEAYER, 27, George-street.

GENERAL MERCHANDISE.

NEW GOODS FOR OUR CHRISTMAS TRADE.
EX MAIL STEAMER Tansley and St. Omer.
MYERS and SOLOMON.

EX MAIL STEAMER—
STRENGTHENED TEA AND COFFEE SERVICES. LADIES' DIAMOND BRACELETS, DIAMOND LOCKETS, PENDANTS, and RINGS. FULL SUITS SET IN BRILLIANTS of the first size. LADIES' and GENTLEMEN'S FINEST WATCHES, in the latest styles, simple, elegant, and half-enclosed Diamond Rings, Gem Locket, &c., &c.
MYERS and SOLOMON.

EX MAIL STEAMER—
SUPERB CUT GLASS, DINNER SETS in great variety. Fancy French Crystal, FINEST TABLE CUTLERY and E.P. WARE, GILT and ORNATE CLOCKS, ALEXANDER'S HARMONIUMS, choice Albums, cabinet goods, Jet goods set with brilliant stones, &c., &c.
MYERS and SOLOMON.

EX MAIL STEAMER—
EXHIBITION PRIZES. MEDAL SADDLES, SADDLE-LOADING GUNS and Sporting Pans, Baggage Tables, &c., &c.
MYERS and SOLOMON.

EX MAIL STEAMER—
EXHIBITION PRIZES. MEDAL SADDLES, SADDLE-LOADING GUNS and Sporting Pans, Baggage Tables, &c., &c.
MYERS and SOLOMON.

EX MAIL STEAMER—
EXHIBITION PRIZES. MEDAL SADDLES, SADDLE-LOADING GUNS and Sporting Pans, Baggage Tables, &c., &c.
MYERS and SOLOMON.

EX MAIL STEAMER—
EXHIBITION PRIZES. MEDAL SADDLES, SADDLE-LOADING GUNS and Sporting Pans, Baggage Tables, &c., &c.
MYERS and SOLOMON.

EX MAIL STEAMER—
EXHIBITION PRIZES. MEDAL SADDLES, SADDLE-LOADING GUNS and Sporting Pans, Baggage Tables, &c., &c.
MYERS and SOLOMON.

EX MAIL STEAMER—
EXHIBITION PRIZES. MEDAL SADDLES, SADDLE-LOADING GUNS and Sporting Pans, Baggage Tables, &c., &c.
MYERS and SOLOMON.

EX MAIL STEAMER—
EXHIBITION PRIZES. MEDAL SADDLES, SADDLE-LOADING GUNS and Sporting Pans, Baggage Tables, &c., &c.
MYERS and SOLOMON.

EX MAIL STEAMER—
EXHIBITION PRIZES. MEDAL SADDLES, SADDLE-LOADING GUNS and Sporting Pans, Baggage Tables, &c., &c.
MYERS and SOLOMON.

EX MAIL STEAMER—
EXHIBITION PRIZES. MEDAL SADDLES, SADDLE-LOADING GUNS and Sporting Pans, Baggage Tables, &c., &c.
MYERS and SOLOMON.

EX MAIL STEAMER—
EXHIBITION PRIZES. MEDAL SADDLES, SADDLE-LOADING GUNS and Sporting Pans, Baggage Tables, &c., &c.
MYERS and SOLOMON.

EX MAIL STEAMER—
EXHIBITION PRIZES. MEDAL SADDLES, SADDLE-LOADING GUNS and Sporting Pans, Baggage Tables, &c., &c.
MYERS and SOLOMON.

EX MAIL STEAMER—
EXHIBITION PRIZES. MEDAL SADDLES, SADDLE-LOADING GUNS and Sporting Pans, Baggage Tables, &c., &c.
MYERS and SOLOMON.

EX MAIL STEAMER—
EXHIBITION PRIZES. MEDAL SADDLES, SADDLE-LOADING GUNS and Sporting Pans, Baggage Tables, &c., &c.
MYERS and SOLOMON.

EX MAIL STEAMER—
EXHIBITION PRIZES. MEDAL SADDLES, SADDLE-LOADING GUNS and Sporting Pans, Baggage Tables, &c., &c.
MYERS and SOLOMON.

EX MAIL STEAMER—
EXHIBITION PRIZES. MEDAL SADDLES, SADDLE-LOADING GUNS and Sporting Pans, Baggage Tables, &c., &c.
MYERS and SOLOMON.

EX MAIL STEAMER—
EXHIBITION PRIZES. MEDAL SADDLES, SADDLE-LOADING GUNS and Sporting Pans, Baggage Tables, &c., &c.
MYERS and SOLOMON.

EX MAIL STEAMER—
EXHIBITION PRIZES. MEDAL SADDLES, SADDLE-LOADING GUNS and Sporting Pans, Baggage Tables, &c., &c.
MYERS and SOLOMON.

EX MAIL STEAMER—
EXHIBITION PRIZES. MEDAL SADDLES, SADDLE-LOADING GUNS and Sporting Pans, Baggage Tables, &c., &c.
MYERS and SOLOMON.

EX MAIL STEAMER—
EXHIBITION PRIZES. MEDAL SADDLES, SADDLE-LOADING GUNS and Sporting Pans, Baggage Tables, &c., &c.
MYERS and SOLOMON.

EX MAIL STEAMER—
EXHIBITION PRIZES. MEDAL SADDLES, SADDLE-LOADING GUNS and Sporting Pans, Baggage Tables, &c., &c.
MYERS and SOLOMON.

EX MAIL STEAMER—
EXHIBITION PRIZES. MEDAL SADDLES, SADDLE-LOADING GUNS and Sporting Pans, Baggage Tables, &c., &c.
MYERS and SOLOMON.

EX MAIL STEAMER—
EXHIBITION PRIZES. MEDAL SADDLES, SADDLE-LOADING GUNS and Sporting Pans, Baggage Tables, &c., &c.
MYERS and SOLOMON.

EX MAIL STEAMER—
EXHIBITION PRIZES. MEDAL SADDLES, SADDLE-LOADING GUNS and Sporting Pans, Baggage Tables, &c., &c.
MYERS and SOLOMON.

EX MAIL STEAMER—
EXHIBITION PRIZES. MEDAL SADDLES, SADDLE-LOADING GUNS and Sporting Pans, Baggage Tables, &c., &c.
MYERS and SOLOMON.

EX MAIL STEAMER—
EXHIBITION PRIZES. MEDAL SADDLES, SADDLE-LOADING GUNS and Sporting Pans, Baggage Tables, &c., &c.
MYERS and SOLOMON.

EX MAIL STEAMER—
EXHIBITION PRIZES. MEDAL SADDLES, SADDLE-LOADING GUNS and Sporting Pans, Baggage Tables, &c., &c.
MYERS and SOLOMON.

EX MAIL STEAMER—
EXHIBITION PRIZES. MEDAL SADDLES, SADDLE-LOADING GUNS and Sporting Pans, Baggage Tables, &c., &c.
MYERS and SOLOMON.

EX MAIL STEAMER—
EXHIBITION PRIZES. MEDAL SADDLES, SADDLE-LOADING GUNS and Sporting Pans, Baggage Tables, &c., &c.
MYERS and SOLOMON.

EX MAIL STEAMER—
EXHIBITION PRIZES. MEDAL SADDLES, SADDLE-LOADING GUNS and Sporting Pans, Baggage Tables, &c., &c.
MYERS and SOLOMON.

EX MAIL STEAMER—
EXHIBITION PRIZES. MEDAL SADDLES, SADDLE-LOADING GUNS and Sporting Pans, Baggage Tables, &c., &c.
MYERS and SOLOMON.

EX MAIL STEAMER—
EXHIBITION PRIZES. MEDAL SADDLES, SADDLE-LOADING GUNS and Sporting Pans, Baggage Tables, &c., &c.
MYERS and SOLOMON.

EX MAIL STEAMER—
EXHIBITION PRIZES. MEDAL SADDLES, SADDLE-LOADING GUNS and Sporting Pans, Baggage Tables, &c., &c.
MYERS and SOLOMON.

EX MAIL STEAMER—
EXHIBITION PRIZES. MEDAL SADDLES, SADDLE-LOADING GUNS and Sporting Pans, Baggage Tables, &c., &c.
MYERS and SOLOMON.

EX MAIL STEAMER—
EXHIBITION PRIZES. MEDAL SADDLES, SADDLE-LOADING GUNS and Sporting Pans, Baggage Tables, &c., &c.
MYERS and SOLOMON.

EX MAIL STEAMER—
EXHIBITION PRIZES. MEDAL SADDLES, SADDLE-LOADING GUNS and Sporting Pans, Baggage Tables, &c., &c.
MYERS and SOLOMON.

EX MAIL STEAMER—
EXHIBITION PRIZES. MEDAL SADDLES, SADDLE-LOADING GUNS and Sporting Pans, Baggage Tables, &c., &c.
MYERS and SOLOMON.

PURE AUSTRALIAN WINES, well matured, from the purest vine, J. & G. GORDON and Co., 124, Pitt-st.

CHRISTMAS AND NEW YEAR'S GIFTS.
 A. LOOM, discounter, in L.B. CASES, GOLD, and Sterling SILVER JEWELLERY, London and foreign made, of the most fashionable designs.
 Gold and Silver CLOCKS, keyrings and others of import construction.
 MARBLE and ORNATE CLOCKS.
 BRONZE and FANCY GOODS.
 MEISSNER and FINE GLASSES, direct from Vienna, &c., &c.
 N.B.—All watches sold or repaired at the establishment as guaranteed, and new engraved making considered.
FRICES REASONABLE and PLAINLY MARKED.
 A. BLAU, 9, Hunter-street.

BRANDY, de 6d cask; case Brandy, 2/6 6d; Old Blend, 3/6 6d; BRADLEY, Hunter and George street.

ON SALE, at reduced prices: Brass and Iron Foundry, The Pipe, Brass and Iron Gas Tube, Sheet Zinc, Copper and Brass, Tinned, Brass and Copper Wire, Sash, Wagon, Rim and Mortice Locks, Black and Galvanized Nails, Cross-cut and Hand Saw, Bolts, and Round-off Old, Works Land Glass and Putty.
 G. W. YARNTON and CO., Market-street.

CHRISTMAS PRESENTS AND NEW YEAR'S GIFTS.
 H. F. DELAURE, Watchmaker, Jeweller, and Importer of first-class Watches, Jewellery, Clocks, Opera, Field and Marine Glasses, Aneroid Barometers, Spectacles and Eye-glasses, has just received his usual large selection of the above goods for the coming season, comprising all the latest novelties in standard gold brooches, earrings, bracelets, necklaces, and pendants.
 Ladies' very superior gold keyrings and other watches, highly finished, in handsome engraved and plain and engraved cases.
 Gent's gold and silver watches, by Rotherham and other celebrated makers.
 Gold keyrings, chronographs and presentation watches, by Nipco and Co.
 The business of the very strong silver hunting English patent lever watches, 6s 10s.
 Silver hunting lever, from 25/6 to 5/0.
 Drawing-room, and parlour, and cottage clocks.
 The latest fashions in the colony.
 A written guarantee for two years given with all watches and clocks and at this establishment.
 Gent's gold wedding rings and keepers, 15-carat, Hall marked.
 Gent's 9-carat, 15-carat, and 18-carat Alberts.
 Ladies' 18-carat Alberts and pearl chains.
 Ladies' 18-carat Alberts and pearl chains.
 All kinds of Alberts, all sorts, from St. Steel and tortoiseshell eye-glasses, Opera glasses, &c.
 Note the address: H. F. DELAURE, Importer, Jeweller, &c., The Big Clock, 395, George-street, Sydney.

MUSICAL INSTRUMENTS.
 AN UNRIVALLED STOCK
 W. H. PALING'S, CORNER OF GEORGE and WYNDHAM STREETS.
 AMERICAN ORGANS, SPLENDID SELECTION, W. H. PALING'S, HARMONIUMS, EVERY VARIETY, W. H. PALING'S, NEW MUSIC, POPULAR MUSIC, STANDARD and POPULAR, W. H. PALING'S, HALF-PRICE, HALF-PRICE.
 PIANOFORTE, ORGANS, and HARMONIUMS for SALE, on EASY TERMS, GREAT ADVANTAGES TO PURCHASERS, W. H. PALING'S, Sole Agent for S. and P. BEARD & SONS, SOLE AGENTS, AUCTIONEERS, and ERECTORS, PIANOFORTE, HORACE WATER'S CABINET ORGANS, ALEXANDER'S HARMONIUMS, 325, GEORGE-STREET, CORNER OF WYNDHAM STREET, 150, Bury Place, for Sale.

GOOD PIANO FOR £10, £15, and £20. Walnut, triple full compass, beautiful tone, 2/4. Also Walnut PIANOFORTE, 4/4, 5/4, and 6/4. Also Walnut HARMONIUM, 5/4, 6/4, 7/4, 8/4, 9/4, 10/4, and 11/4. Also Walnut ORGANS, 12/4, 13/4, 14/4, 15/4, 16/4, 17/4, 18/4, 19/4, 20/4, 21/4, 22/4, 23/4, 24/4, 25/4, 26/4, 27/4, 28/4, 29/4, 30/4, 31/4, 32/4, 33/4, 34/4, 35/4, 36/4, 37/4, 38/4, 39/4, 40/4, 41/4, 42/4, 43/4, 44/4, 45/4, 46/4, 47/4, 48/4, 49/4, 50/4, 51/4, 52/4, 53/4, 54/4, 55/4, 56/4, 57/4, 58/4, 59/4, 60/4, 61/4, 62/4, 63/4, 64/4, 65/4, 66/4, 67/4, 68/4, 69/4, 70/4, 71/4, 72/4, 73/4, 74/4, 75/4, 76/4, 77/4, 78/4, 79/4, 80/4, 81/4, 82/4, 83/4, 84/4, 85/4, 86/4, 87/4, 88/4, 89/4, 90/4, 91/4, 92/4, 93/4, 94/4, 95/4, 96/4, 97/4, 98/4, 99/4, 100/4, 101/4, 102/4, 103/4, 104/4, 105/4, 106/4, 107/4, 108/4, 109/4, 110/4, 111/4, 112/4, 113/4, 114/4, 115/4, 116/4, 117/4, 118/4, 119/4, 120/4, 121/4, 122/4, 123/4, 124/4, 125/4, 126/4, 127/4, 128/4, 129/4, 130/4, 131/4, 132/4, 133/4, 134/4, 135/4, 136/4, 137/4, 138/4, 139/4, 140/4, 141/4, 142/4, 143/4, 144/4, 145/4, 146/4, 147/4, 148/4, 149/4, 150/4, 151/4, 152/4, 153/4, 154/4, 155/4, 156/4, 157/4, 158/4, 159/4, 160/4, 161/4, 162/4, 163/4, 164/4, 165/4, 166/4, 167/4, 168/4, 169/4, 170/4, 171/4, 172/4, 173/4, 174/4, 175/4, 176/4, 177/4, 178/4, 179/4, 180/4, 181/4, 182/4, 183/4, 184/4, 185/4, 186/4, 187/4, 188/4, 189/4, 190/4, 191/4, 192/4, 193/4, 194/4, 195/4, 196/4, 197/4, 198/4, 199/4, 200/4, 201/4, 202/4, 203/4, 204/4, 205/4, 206/4, 207/4, 208/4, 209/4, 210/4, 211/4, 212/4, 213/4, 214/4, 215/4, 216/4, 217/4, 218/4, 219/4, 220/4, 221/4, 222/4, 223/4, 224/4, 225/4, 226/4, 227/4, 228/4, 229/4, 230/4, 231/4, 232/4, 233/4, 234/4, 235/4, 236/4, 237/4, 238/4, 239/4, 240/4, 241/4, 242/4, 243/4, 244/4, 245/4, 246/4, 247/4, 248/4, 249/4, 250/4, 251/4, 252/4, 253/4, 254/4, 255/4, 256/4, 257/4, 258/4, 259/4, 260/4, 261/4, 262/4, 263/4, 264/4, 265/4, 266/4, 267/4, 268/4, 269/4, 270/4, 271/4, 272/4, 273/4, 274/4, 275/4, 276/4, 277/4, 278/4, 279/4, 280/4, 281/4, 282/4, 283/4, 284/4, 285/4, 286/4, 287/4, 288/4, 289/4, 290/4, 291/4, 292/4, 293/4, 294/4, 295/4, 296/4, 297/4, 298/4, 299/4, 300/4, 301/4, 302/4, 303/4, 304/4, 305/4, 306/4, 307/4, 308/4, 309/4, 310/4, 311/4, 312/4, 313/4, 314/4, 315/4, 316/4, 317/4, 318/4, 319/4, 320/4, 321/4, 322/4, 323/4, 324/4, 325/4, 326/4, 327/4, 328/4, 329/4, 330/4, 331/4, 332/4, 333/4, 334/4, 335/4, 336/4, 337/4, 338/4, 339/4, 340/4, 341/4, 342/4, 343/4, 344/4, 345/4, 346/4, 347/4, 348/4, 349/4, 350/4, 351/4, 352/4, 353/4, 354/4, 355/4, 356/4, 357/4, 358/4, 359/4, 360/4, 361/4, 362/4, 363/4, 364/4, 365/4, 366/4, 367/4, 368/4, 369/4, 370/4, 371/4, 372/4, 373/4, 374/4, 375/4, 376/4, 377/4, 378/4, 379/4, 380/4, 381/4, 382/4, 383/4, 384/4, 385/4, 386/4, 387/4, 388/4, 389/4, 390/4, 391/4, 392/4, 393/4, 394/4, 395/4, 396/4, 397/4, 398/4, 399/4, 400/4, 401/4, 402/4, 403/4, 404/4, 405/4, 406/4, 407/4, 408/4, 409/4, 410/4, 411/4, 412/4, 413/4, 414/4, 415/4, 416/4, 417/4, 418/4, 419/4, 420/4, 421/4, 422/4, 423/4, 424/4, 425/4, 426/4, 427/4, 428/4, 429/4, 430/4, 431/4, 432/4, 433/4, 434/4, 435/4, 436/4, 437/4, 438/4, 439/4, 440/4, 441/4, 442/4, 443/4, 444/4, 445/4, 446/4, 447/4, 448/4, 449/4, 450/4, 451/4, 452/4, 453/4, 454/4, 455/4, 456/4, 457/4, 458/4, 459/4, 460/4, 461/4, 462/4, 463/4, 464/4, 465/4, 466/4, 467/4, 468/4, 469/4, 470/4, 471/4, 472/4, 473/4, 474/4, 475/4, 476/4, 477/4, 478/4, 479/4, 480/4, 481/4, 482/4, 483/4, 484/4, 485/4, 486/4, 487/4, 488/4, 489/4, 490/4, 491/4, 492/4, 493/4, 494/4, 495/4, 496/4, 497/4, 498/4, 499/4, 500/4, 501/4, 502/4, 503/4, 504/4, 505/4, 506/4, 507/4, 508/4, 509/4, 510/4, 511/4, 512/4, 513/4, 514/4, 515/4, 516/4, 517/4, 518/4, 519/4, 520/4, 521/4, 522/4, 523/4, 524/4, 525/4, 526/4, 527/4, 528/4, 529/4, 530/4, 531/4, 532/4, 533/4, 534/4, 535/4, 536/4, 537/4, 538/4, 539/4, 540/4, 541/4, 542/4, 543/4, 544/4, 545/4, 546/4, 547/4, 548/4, 549/4, 550/4, 551/4, 552/4, 553/4, 554/4, 555/4, 556/4, 557/4, 558/4, 559/4, 560/4, 561/4, 562/4, 563/4, 564/4, 565/4, 566/4, 567/4, 568/4, 569/4, 570/4, 571/4, 572/4, 573/4, 574/4, 575/4, 576/4, 577/4, 578/4, 579/4, 580/4, 581/4, 582/4, 583/4, 584/4, 585/4, 586/4, 587/4, 588/4, 589/4, 590/4, 591/4, 592/4, 593/4, 594/4, 595/4, 596/4, 597/4, 598/4, 599/4, 600/4, 601/4, 602/4, 603/4, 604/4, 605/4, 606/4, 607/4, 608/4, 609/4, 610/4, 611/4, 612/4, 613/4, 614/4, 615/4, 616/4, 617/4, 618/4, 619/4, 620/4, 621/4, 622/4, 623/4, 624/4, 625/4, 626/4, 627/4, 628/4, 629/4, 630/4, 631/4, 632/4, 633/4, 634/4, 635/4, 636/4, 637/4, 638/4, 639/4, 640/4, 641/4, 642/4, 643/4, 644/4, 645/4, 646/4, 647/4, 648/4, 649/4, 650/4, 651/4, 652/4, 653/4, 654/4, 655/4, 656/4, 657/4, 658/4, 659/4, 660/4, 661/4, 662/4, 663/4, 664/4, 665/4, 666/4, 667/4, 668/4, 669/4, 670/4, 671/4, 672/4, 673/4, 674/4, 675/4, 676/4, 677/4, 678/4, 679/4, 680/4, 681/4, 682/4, 683/4, 684/4, 685/4, 686/4, 687/4, 688/4, 689/4, 690/4, 691/4, 692/4, 693/4, 694/4, 695/4, 696/4, 697/4, 698/4, 699/4, 700/4, 701/4, 702/4, 703/4, 704/4, 705/4, 706/4, 707/4, 708/4, 709/4, 710/4, 711/4, 712/4, 713/4, 714/4, 715/4, 716/4, 717/4, 718/4, 719/4, 720/4, 721/4, 722/4, 723/4, 724/4, 725/4, 726/4, 727/4, 728/4, 729/4, 730/4, 731/4, 732/4, 733/4, 734/4, 735/4, 736/4, 737/4, 738/4, 739/4, 740/4, 741/4, 742/4, 743/4, 744/4, 745/4, 746/4, 747/4, 748/4, 749/4, 750/4, 751/4, 752/4, 753/4, 754/4, 755/4, 756/4, 757/4, 758/4, 759/4, 760/4, 761/4, 762/4, 763/4, 764/4, 765/4, 766/4, 767/4, 768/4, 769/4, 770/4, 771/4, 772/4, 773/4, 774/4, 775/4, 776/4, 777/4, 778/4, 779/4, 780/4, 781/4, 782/4, 783/4, 784/4, 785/4, 786/4, 787/4, 788/4, 789/4, 790/4, 791/4, 792/4, 793/4, 794/4, 795/4, 796/4, 797/4, 798/4, 799/4, 800/4, 801/4, 802/4, 803/4, 804/4, 805/4, 806/4, 807/4, 808/4, 809/4, 810/4, 811/4, 812/4, 813/4, 814/4, 815/4, 816/4, 817/4, 818/4, 819/4, 820/4, 821/4, 822/4, 823/4, 824/4, 825/4, 826/4, 827/4, 828/4, 829/4, 830/4, 831/4, 832/4, 833/4, 834/4, 835/4, 836/4, 837/4, 838/4, 839/4, 840/4, 841/4, 842/4, 843/4, 844/4, 845/4, 846/4, 847/4, 848/4, 849/4, 850/4, 851/4, 852/4, 853/4, 854/4, 855/4, 856/4, 857/4, 858/4, 859/4, 860/4, 861/4, 862/4, 863/4, 864/4, 865/4, 866/4, 867/4, 868/4, 869/4, 870/4, 871/4, 872/4, 873/4, 874/4, 875/4, 876/4, 877/4, 878/4, 879/4, 880/4, 881/4, 882/4, 883/4, 884/4, 885/4, 886/4, 887/4, 888/4, 889/4, 890/4, 891/4, 892/4, 893/4, 894/4, 895/4, 896/4, 897/4, 898/4, 899/4, 900/4, 901/4, 902/4, 903/4, 904/4, 905/4, 906/4, 907/4, 908/4, 909/4, 910/4, 911/4, 912/4, 913/4, 914/4, 915/4, 916/4, 917/4, 918/4, 919/4, 920/4, 921/4, 922/4, 923/4, 924/4, 925/4, 926/4, 927/4, 928/4, 929/4, 930/4, 931/4, 932/4, 933/4, 934/4, 935/4, 936/4, 937/4, 938/4, 939/4, 940/4, 941/4, 942/4, 943/4, 944/4, 945/4, 946/4, 947/4, 948/4, 949/4, 950/4, 951/4, 952/4, 953/4, 954/4, 955/4, 956/4, 957/4, 958/4, 959/4, 960/4, 961/4, 962/4, 963/4, 964/4, 965/4, 966/4, 967/4, 968/4, 969/4, 970/4, 971/4, 972/4, 973/4, 974/4, 975/4, 976/4, 977/4, 978/4, 979/4, 980/4, 981/4, 982/4, 983/4, 984/4, 985/4, 986/4, 987/4, 988/4, 989/4, 990/4, 991/4, 992/4,

will be placed on the next estimates for the work. These levels show that the coast swamp at Kellick Creek is 1 foot higher than the Parkwater from which it is divided by the ridge proved to be cut through; the ridge, at w. at Mr. Keels's mill Wright's natural outlet, from having been pointed out by Mr. Edward Wright, of East Kempey, is only six feet high, consequently the cuttings through could only be four feet and a half to give a fall into the coast swamp, and could be cut off four feet and a half of water from the Parkwater, which would flow time; but as the salt-watered lands on the banks of the river are so extensive above the level of the flood, this relief would be ample to save all the crops.

I mean what is known, I mean it

house system. New York, surrounded by the broad waters of the north and east rivers, is like Sydney, favourably situated as the health

ful abode of a large population; but the poorer classes have become densely packed in small areas, and as a necessary consequence the moral and physical health of the community has suffered. Nowhere in New York have I seen such filthy little hovels as may be pointed out in a score of places in Sydney. The ground has become too valuable; and the owners have

tenement houses as well as the mercantile classes have had to run the buildings six or eight stories high to get accommodation which it would be too costly to provide on the ground level. Dr. Bell, who is accepted in New York as an authority upon the sanitary condition of that city, has shown that nearly half the population live in tenement houses. In two of these red brick barracks built close

together, he found seventy-four families (in all 349 individuals) housed. He visited them

In the healthiest part of the year, and yet on the day of his inspection there were not less than 115 of the occupants who were sick. Where people live in separate houses, the death-rate was 20 in the 1000 in 1874 as against 38 in the thousands in the tenement houses. Half of the excessive death-rate was made up of infants under twelve years of age. In 1874 there were 8725 deaths in tenement houses in excess of the rate of mortality which prevailed in other dwellings; and an American statistician is of opinion that at the very lowest estimate the cost of this extra sickness and mortality could not be stated at less than six million dollars. There are plenty of Pharisees, owners perhaps of the plague spots dotted all over the city, who will be quite ready to thank God that Sydney is not as bad as New York. That should not, however, be taken for granted. There are no data in the case of Sydney upon which a comparison could be based; but looking simply on the surface of things, I should judge that in sanitary respects Sydney is very far behind New York, and that, with a like population, it would be almost unendurable. As to the most serious cause of the overcrowding of the population, there is room for any difference of opinion. Some of the worst parts of New York did not appear to me to be a bit more disagreeable or unhealthy than

but more disreputable at night (when the viler elements of the population come into view) than several of the Sydney thoroughfares. The crowds of people who were to be seen in the underground "sociables" or the

these tenement houses, must appear very

shocking to very good persons who never go into public-houses or theatres; but bad as the entertainment was, it surely could be no worse than the stifling atmosphere of the crowded tenements which can have none of the associations of home. In some of the free and easy there were two or three hundred persons, many of them Germans with their wives, poor but decent; and yet—however quietly behaved—there was only a great stretch of charity to suppose that the proportion of the unattended women folk who made up the company were respectable. The rooms were brilliantly lighted, and, in addition to warmth and shelter, the crowd had gratuitously such entertainment as could be derived from the dulcet performances of a band of wind and stringed instruments played upon by a corps of young women in pink faces and dresses. These damsels occupied such leisure as the intervals between their musical

possibly impress the poor tenement house-

poshly impress the poor tenement round-
dreged with an exalted idea of their tastes
and accomplishments. No charge was made
for admission to halls of this class, the land-
lord looking for his profit to the consumption
of lager beer which, in an atmosphere redolent
with smoke, would generally be in demand.
At the ten cent theatres there was a trifle less
smoking and drinking. They are not places
where much refinement is to be looked
for; but, all things considered, it should be
a matter of surprise and thankfulness that
the entertainments, and the people, are not
worse. As the vacant ground within walking
or omnibus distance from the Synagogue
gets built over, the tenement or lodging-
house system may be expected to develop into
large proportions; and the prospective rapid
growth of the city, is calculated to excite ap-
prehension in regard to evils which—without
a contemporaneous improvement in the con-
duct of public affairs—are bad enough at pre-
sent, and may become unmanageable.

The remedy which New York is trying to
apply is locally known as "rapid trans-
it," and swift and cheap locomotion. In
one or two of the streets a narrow gauge
railroad laid on iron columns twelve or four-
teen feet high, has been in successful operation

for two or three years; but it has not been carried to the unbuild portion of the island, and is only a convenience to the well-to-do middle classes who live up town, and to whom the horse railroads—quicker and pleasanter vehicles than our omnibuses—are altogether too slow. This plan of supporting the railroad upon a line of iron columns placed near the curb leaves the roadway and footpaths perfectly free to vehicles and pedestrians. In the street above which I rode there was a line on each side for a considerable distance, and preparations were being made to carry girders from one side to the other so as to allow of four tracks, practically covering the whole roadway. The elevated stations occupy little space, the stairways leading to them being placed so as to encroach as little as possible upon either the footpath or the street. I doubt very much whether an elevated railroad would be of use in Sydney. He would be a bold engineer who would attempt to take the heavy passenger trains which now stop at Sydney by such a method to the Circular Quay without blocking up a large part of one of the streets. The inflammable materials of Sydney roofs, and the great inequality of the street surface also seem to preclude the adoption of an elevated railroad even as an independent means of locomotion for passengers between the city and any of the suburbs.

The completion of the Brooklyn bridge is also expected to afford some relief to the overcrowded condition of New York; but unless it is to be used as a railroad bridge, of which there is no very definite intentions at present, it will not be of much benefit to the labouring classes who have neither time nor money to spend upon horse cars and omnibuses. This bridge is being constructed by Messrs. Roebling, Sons, and Co. who have built similar bridges at Niagara, Cincinnati, and Covington, and it will be as I am told and believe "the finest in the world." The height of the two massive granite towers which have been built to support the bridge is 277 feet. That

Harbour are as grand and beautiful, and the
upon the Hawkesbury they may find com-
binations of rock, wood, and water quite as
enchanting as anything of which American
boasts. Prospect Park at Brooklyn, and Green-
wood Cemetery, are also two very beautiful
resorts. A graveyard is a dismal place to
recommend a traveller to visit; and yet there
is no one spends a day at Greenwood but who
wishes that he could go again. If any Brook-
lynite were to say that Greenwood was the
most beautiful cemetery in the world, he
should not feel disposed to question this
assertion, for nature, wealth, and art have
combined to perfect its attractions. The
carvings are not merely artistic and ex-
pensively, but are almost universally entitled
to the praise of simplicity and exquisite
grace and beauty. And yet, strange to
say, some of the solemn decorations of the
place have been prepared by people
during their lifetime, in anticipation of the
death; and in this respect the modern New
Yorker seems to be following the example of
the "Housten Chinese," who, it is said, when
in his own country always has his coffin
ready for the last dread emergency.

During a very brief stay in New York I had an opportunity of seeing some of the prisons, poor-houses, and lunatic asylums in the vicinity of the city, but did not see the New South Wales had anything whatever to learn from New York's establishments of that character. I counted myself fortunate, however, in being able to see one of the clamshell dredges at work, and I am inclined to think that your Executive Commissioner at Philadelphia has done good service to the colony by calling the attention of the Government, as I understand he has done, to this very valuable contrivance for deepening harbours and rivers. The dredge I saw was one manufactured by the Morris and Cummings Company, and it was working upon a clayey deposit about ten or twelve feet under the water; and it was lifting the mud into the scow at the rate of from 600 to 800 yards an hour. The quantity of work which was being done would appear almost incredible to any one not actually present. The engines can be worked up to 100 horse power; and the total cost of the dredge did not exceed £6000. Four men and a boy were employed to work the dredge, and the expenditure upon wages was only £2 2s. a day. I very much doubt whether like results are obtainable with the dredging machines used in New South Wales; while, as far as my memory serves me, the first cost of the dredge and the working expenses would be considerably greater. The rate of dredging in New York harbour to a depth of 25 feet and removing the silt, is 10d. a yard; and the company has taken a contract to dredge 650,000 yards at Baltimore, so as to give a depth of 20 feet of water at 54d. a yard, the price including the removal of the mud a distance of three miles. I very much doubt whether like results could be obtained at an economical rate with the rotary bucket dredges. It may be that this kind of dredge is specially adapted for working upon mud such as that I saw it feitching up at the rate

twelve or thirteen cubic yards a minute; but I was told that the dredge with a smaller and somewhat differently constructed bucket had proved equally efficient in the removal of harbor sand. An extensive area of ground has been built up at Jersey City simply by dredging. The clamshell dredge would be invaluable in reclaiming land at the head of Rush Bay, Blackwattle Swamp, and other localities in Sydney Harbour. Considering the enormous cost of dredging which must be done at Newcastle, which ought to be done in the Clarence and other rivers, every contrivance which will enable the work to be done at even 10d. a yard becomes a matter of national importance, if so large a work may be used in relation to colonial works. At Jersey City one of these dredges was at work in filling the siccus or punt, and another in hoisting their contents in a train of mud waggons, which were drawn by a small locomotive to the place where the contents had to be dumped out. It struck me that a similar contrivance at Blackwattle Swamp would, if Parliament had granted sufficient money for the first instance to enable the plan to be adopted, have been productive of an enormous saving in time, material, and labour, while at the same time it would have deepened the water at the head of the bays near Glebe Point. The matter appeared to me of so much importance that I requested the engineer to write a description of the design of the dredge, which I ask you to print:—“The dredge which you saw is mounted on a boat or scow about 85 feet long by 30 feet beam, and 9 feet depth of hold. Near the centre of the boat, are placed athwartships, is a pair of friction drums attached to spur-wheels of 8 feet diameter. These are made to revolve at the will of the operator by one pair of horizontal engines of 80-horse power geared to the wheels. A derrick is placed 20 feet forward of the drums to suspend the bucket over the water. The jib of the bucket is about 42 feet long, and is inclined at an angle of about 45° moving in an arc of a circle equal to 160°. At the end of the jib on either side are shives and shives are also attached to the derrick for the purpose of keeping the chains at a proper angle with the drums. Chains of $\frac{1}{2}$ inch iron are fastened to the drums and pass through the shives on the derrick, then through the chains at the end of the jib—one chain being fastened to the opening-side of the bucket, and the other to the closing-side. The bucket is composed of two quadrant scoops hinged at the centre. The frame to which the scoops are hinged is composed of two uprights equidistant apart the length of the scoops, and is about 10 feet

high. Poles from the tops of the uprights keep the bucket in position as it is lowered to the bottom. The bucket opens when the drum containing the opening chain is made to revolve, and as it opens the scoops present cutting edge to the material to be dredged. The revolution of the drum containing the hoisting chain closes the bucket. The jib also begins to swing, and with the proper elevation the point of deposit is also reached. This is a scow or barge of 600 tons capacity having air-tight compartments at the sides and ends, and fitted with doors at the bottom through which the material is allowed to escape when required to be dumped. The dredge is anchored by a large beam or moving spar shod at the point with iron, which passes through the hull of the boat. Extra engines are placed in the hold for the purpose of raising this beam whenever it is required to move the dredge, and they also work the four winches—two on either side. All the

details of operating the dredge are under the control of one man by means of an arrangement of foot and hand levers." N. S. W.

(From the Sydney Mail.)

for India's breeders want to deal in too many markets. They have been too fickle; and their inconstancy has so impressed our breeders with the true worth of the Indian horse. The *Guacra* says:—"As things are now, we suspect our Australian breeders will be able to sell us, or at the Government of India at any rate. They must know that if the Government of India wants their horses, they must pay for them. They will not be able to get them on any sort of monopoly, and we would not have all their old cart horses tossed on us at \$10, \$20, or \$30 a head. The Government is the principal buyer in any market so long will high prices continue there. In the *Guacra* is mistaken. Australians do not want the Indian horse. They would like to see us to make the horses, not to do they overvalue their horses. The Australian horse-breeders in fact, we should imagine, like the English, are not so much interested in the horse as we are on large packs, and will not be the servants of our customers. Our climate is well adapted to breeding horses, and we have ears and nose at the present time from the Government of India to make us to know the style of horse really suited to India. The information once obtained, and an assurance that the trade will be steady, and the difficulty is surmounted. Australia will be able to supply the Indian Government with horses as long as the value of India is such will be dependent on the outside world for horse-morphy. Anticipating this view, the Government of India will be able to decide upon the source from which the supply should be drawn. The *Guacra* says:—"We think that the Government of India will be able to make the horses, and to commission ten of experienced men in and out of the Government service to inquire into the whole matter of the Indian horse-trade, and there can be no doubt that such an inquiry will be of great value to the Government. It will give us advice, and define in one way or the other whether to sell to our breeders, who now are puzzled whether to accept for the Indian market or depend solely on horses drawn from the Government stock. It will also show us the way in which the true resources of our breeders can be provided. Let the Indian Government or a company of private breeders, if they wish, to make the horses, and our ships will arrive to carry them. The way is clear, and we guarantee a regular trade," and we are bold enough to press that our Indian friends will have no cause for complaint.

Were the trade constant, ships, properly fitted up could be laid on and many advantages secured. A ready accommodation for the horses before they were landed at the place of destination would be secured. In a Madras journal of a late date we have accounts of the arrival of the first shipment of the season of horses from Australia. The horses were landed on the shore of India, and the animals were landed does not impress us with any idea that our horses receive fair play on the shores of India. Furthermore, we do not feel astonished that horses as well as men are landed on the shore of India. The Madras journal says:—"The way in which horses are landed in Madras is unique in its way. It would be impossible to land a horse on a pier, and the horses are brought through the water. As soon as the boat containing a horse is brought to the shore, the horse is thrown out, and the water of the river carries him over, and just before it grounds, a most extravagant and some strange—the shouting of the boatmen, the shouting of the shoremen, the shouting of the horsemen, the shouting of the native horse-owners, and the wash of the river carrying away a host of sounds that ceases only at the moment the boat is to be overturned. This is done very cleverly, and the horse is landed in a most perfect manner. It is a pity to wonder that more accidents do not occur to the horses. Occasionally one gets severely injured, but the proportion of hurt horses is very small. It is a pity that the Government of Australia should require a stronger better transport during a long voyage.

Latitude, 83° 51' 41". Longitude, 10h. 4m. 46s.
Magnetic variation, 9° 33' 45" East. 22nd January, 1876.

DECEMBER 8, 1970. CIVIL RECKONING.

METEOROLOGICAL STATIONS.

Arranged in order of latitude, with distance from the coast, and

At 9 A.M.—Dec. 9, 1878. For 4 hours previous to

ASTRONOMICAL MEMORANDUM FOR DECEMBER 11, 1878.

SUN	4.34	7.8	Full moon	1st
MOON	1.23 a.m.	2.51 p.m.	Last quarter	20th
Mars	4.53 a.m.	7.19 p.m.		

JUPITER	4.27 a.m.	8.81 p.m.	Full moon
SATURN	10.91 a.m.	11.35 p.m.	Moon's age, 14.1 days

H. C. RUSSELL, Government Astronomer.

